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1201.63407

PATENT

I.D.S.

2/20/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Nayfeh et al.	
Serial No.:	09/496,506	
Filed:	February 2, 2000	
For:	SILICON NANOPARTICLE FIELD EFFECT TRANSISTOR AND TRANSISTOR MEMORY DEVICE	
Art Unit:	2811	
Examiner:	Crane, S.	

I hereby certify that this paper is being deposited with the United States Postal Service as FIRST-CLASS mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on this date.

Feb. 5, 2003
Date

F-CLASS.WCM
Appr. February 20, 1998

Registration No. 43,874
Attorney for Applicant

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In accordance with 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants through counsel herewith:

Submit a copy of the patents and publications set forth in the attached form PTO-1449 as follows:

U.S. PATENT DOCUMENTS

PATENT NO.	PATENTEE	ISSUE DATE
3,597,624	David Weiner et al.	08/03/1971
5,537,000	Alivisatos et al.	07/16/1996

PATENT NO.	PATENTEE	ISSUE DATE
5,881,200	Burt	03/09/1999
5,906,670	Dobson et al.	05/25/1999
6,326,311	Ueda et al.	12/04/2001

FOREIGN PATENT DOCUMENTS

DOCUMENT NO.	PUBLICATION DATE	COUNTRY
0 354 141	02/07/1990	EP

PUBLICATIONS

Shoutian Li, I.N. Germanenko, M.S. El Shall, "Semiconductor nanoparticles in contact: quenching of the photoluminescence from silicon nanocrystals by WO3 nanoparticles suspended in solution", Journal of Physical Chemistry B, Vol. 102, No. 38, pp. 7319-7322, Sept. 17, 1998 (Abstract).

Tetsuya Makimura, Yasuhiko Kunii and Kouichi Murakami, "Light Emission from Nanometer-Sized Silicon Particles Fabricated by the Laser Ablation Method", Jpn. J. Appl. Phys., Vol. 35, (1996), pp. 4780-4784.

M.L. Brongersma, K.S. Min, E. Boer, T.Tambo, A. Polman, and H.A. Atwater, "Tailoring the Optical Properties of Si Nanocrystals in SiO_2: Materials Issues and Nanocrystal Laser Perspectives", Mat. Res. Soc. Symp. Proc., Vol. 486, 1998 Materials Research Society, pp. 213-217.

L.E. Brus, P.F. Szajowski, W.L. Wilson, T.D. Harris, S. Schuppler, and P.H. Citrin, "Electronic Spectroscopy and Photophysics of Si Nanocrystals: Relationship to Bulk c-Si and Porous Si", J. Am. Chem. Soc., 1995, Vol. 117, pp. 2915-2922.

M. Nayfeh, O. Akcakir, J. Therrien, Z. Yamani, N. Barry, W. Yu, and E. Gratton, "Highly nonlinear photoluminescence threshold in porous silicon", Applied Physics Letters, Volume 75, Number 26, 27 December 1999, pp. 4112-4113.

Gennadiy Belomoin, Joel Therrien, and Munir Nayfeh, "Oxide and hydrogen capped ultrasmall blue luminescent Si nanoparticles", Applied Physics Letters, Volume 77, Number 6, 7 August 2000, pp. 779-780.

REMARKS

Applicants respectfully request that the Examiner consider the above-listed references in the examination of this application and list these references of record in the application.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

Date: February 5, 2003

By: _____
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